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**Allen, Dyer, Doppelt,  
Milbrath & Gilchrist, P.A.**

— INTELLECTUAL PROPERTY ATTORNEYS —

255 South Orange Avenue • Suite 1401 • Orlando, FL 32801

Mail to: P.O. Box 3791 • Orlando, FL 32802-3791

tel: 407-841-2330 • fax: 407-841-2343

**F A C S I M I L E C O V E R S H E E T**

TO: EXAMINER: DENISE B. ANDERSON (ART UNIT 2877)

CLIENT NUMBER: 51310

TELEPHONE: 571-272-8324

FAX: 571-273-8300

FROM: PAUL J. DITMYER, ESQ.

DATE: March 27, 2006

NUMBER OF PAGES (INCLUDING COVER SHEET): 17

**COMMENTS/INSTRUCTIONS:**

Please see attached Amendment responsive to Examiner's office action mailed December 27, 2005 for U.S. Patent Application Serial No. 10/631,271.

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**MAR 27 2006**

Case No. GCSD-1231(51310)

**MS Amendment  
Commissioner For Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450**

In re Application of: **MONTGOMERY**Serial No.: **10/631,271**Filed: **JULY 31, 2003**For: **OPTICAL PROFILING DETERMINING APPARATUS AND  
ASSOCIATED METHODS**

Sir:

Transmitted herewith is an amendment in the above-identified application.

☐ Applicant qualifies as a small entity under 37 CFR § 1.27.☐ No additional fee is required.

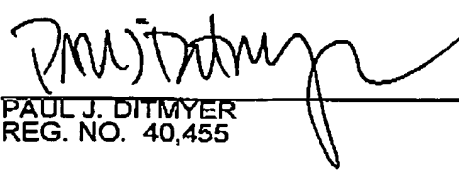
The fee has been calculated as shown below:

	(Col. 1)	(Col. 2)	(Col. 3)		SMALL ENTITY			LARGE ENTITY	
FOR:	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NO. PREVIOUSLY PAID FOR	PRESENT EXTRA		RATE	FEE		RATE	FEE
TOTAL CLAIMS	38	38	0		X 25	\$	<u>OR</u>	X 50	\$
INDEPT CLAIMS	6	3	3		X 100	\$	<u>OR</u>	X 200	\$ 600
<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEP. CLAIM					+ 180	\$	<u>OR</u>	+ 360	
					TOTAL ADD'L FEE			TOTAL ADD'L FEE	\$ 600

\* If the entry in Col. 1 is less than the entry in Col. 2, write "0" in Col. 3.  
 \*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, write "20" in this space.  
 \*\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, write "3" in this space. The  
 "Highest Number Previously Paid For" (Total or Independent) is the highest number found from the  
 equivalent box in Col. 1  
 of a prior amendment of the number of claims originally filed.

☒ The Commissioner is hereby authorized to charge the additional claim fee in the amount of \$ 600.00 to Deposit Account No. 08-0870.☒ The Commissioner is hereby authorized to charge or credit any discrepancies in fee amounts to Deposit Account No. 08-0870.☒ **PLEASE ADDRESS ALL CORRESPONDENCE TO ATTORNEY OF RECORD:  
CHRISTOPHER F. REGAN**☒ This application is associated with Customer No. **27975**.

March 27, 2006  
DATE

  
PAUL J. DITMYER  
REG. NO. 40,455

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NO. 638

P. 3

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of: )  
MONTGOMERY ) Examiner: D. ANDERSON  
Serial No. 10/631,271 ) Art Unit: 2877  
Filing Date: JULY 31, 2003 )  
For: OPTICAL PROFILING DETERMINING )  
APPARATUS AND ASSOCIATED )  
METHODS INCLUDING THE USE OF )  
A PLURALITY OF WAVELENGTHS IN )  
THE REFERENCE BEAM AND A )  
PLURALITY OF WAVELENGTHS IN A )  
REFLECTED TRANSMIT BEAM )

AMENDMENT

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Responsive to the Office Action of December 27, 2005,  
please enter the amendments and consider the remarks set out  
below.

Amendments to the Claims are reflected in the listing of claims  
which begins on page 2 of this filing.

Remarks begin on page 16 of this filing.

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